

PROGRESS REPORT # 3
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TITLE: To Develop a Land Use-Peak Runoff Classification System for
Highway Engineering Purposes.

BY: Ernest G. Stoeckeler, Principal Investigator. Code ST 364

E7.2-10308

CR-129557

Problems:

1. B/W transparencies and prints were received for five MSS frames
obtained during 14 and 15 August orbits. These frames contained over
50% cloud cover.

2. B/W prints and transparencies of three cloud-free frames were
received in November. Simulated CIR of these excellent frames have been
ordered.

3. Imagery taken on a cloud free orbit on 20 September has not been
received as yet.

4. U-2 B/W and RC 10 CIR photography taken on 20 September was
received in late November.

Accomplishments

1. Ground truth - a considerable amount of hydrological data have
been assembled on watersheds located within the U-2 underflight and satellite
coverage areas. These data are currently being used for an evaluation of
the recently obtained photography and imagery.

Planned for Next Period

1. A considerable amount of imagery and photography should be avail-
able for analysis during the next period. Results relating to the usability
of particular MSS bands and simulated CIR products will be reported when
significant findings are made.

(E72-10308) TO DEVELOP A LAND USE-PEAK
RUNOFF CLASSIFICATION SYSTEM FOR HIGHWAY
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